

**ABSTRACT OF THE DISCLOSURE**

A tilt switch includes a housing body with a modular concavity, light emitting and receiving units disposed in the housing body, a modular insert body inserted into the concavity and having an entry hole for admitting entry of only a portion of a light beam emitting from the emitting unit so as to form a narrower beam of incident light that travels in a light path, and an accommodation chamber with a transit route which extends to intersect the light path at an intersection, a ball member received in the chamber and rollable across the intersection when the housing is tilted, an optoelectronic sensor member that shifts the state of the switch when the ball member is lurched as a result of tilting for interrupting or restoring the transmission of the light beam, and a modular cover disposed to cover the concavity.